

We claim:

Sub a1 1. An improved dust containment system comprising a flexible sheeting supported by on or more poles, said poles having on at least one end thereof a flexible stopper having a base which contacts a surface and a neck, said flexible curtain being held in place on said pole by one or more clamps.

2. The system according to claim 1 wherein the flexible stopper is in the shape of a cone.

3. The system according to claim 1 wherein the flexible stopper has a neck, a base and where an apex said apex being the portion of the stopper that is connected to the pole.

4. The system according to claim 1 wherein the clamp has a pair of handles that pivot about an axis and wherein opposite the handles are two jaws that are connected to their respective handles and arranged in such a fashion that the tips of said jaws are in face to face contact and wherein the body areas and of the respective jaws is configured so that the interior of the jaws can fit around said pole without separating the tips of the jaws from their face to face contact.

Sub a2 5. The system according to claim 4 wherein the clamp has a spring set inside the handles to provide a suitable force to press and hold the tip of each of the

jaws toward the other.

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6. The system according to claim 5 wherein the spring is a torsion spring held in place by the pin that constitutes the axis the handles and jaws rotate about.

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7. The system according to claim *5* wherein each of the jaws ends in a tip that is no more than 1/16th of an inch thick.

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8. The system according to claim *6* wherein opposite the tips are flanges that form with the tips a generally U-shaped opening.

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9. The system according to claim 1 further comprising a gasket for use between a wall and a pole said gasket comprising a top end and a bottom end and a pole side and a wall side, said pole side having a groove that extends from the top end to the bottom end, said groove being adapted to mate with an outside surface of the pole and wherein said wall end of the gasket ends in a pair of wings that extend outwardly from a core.

10. The system according to claim 9 wherein said wings butt up against the creating a seal to provide dust containment.

11. The system according to claim 10 wherein said wings extend apart

17. The clamp according to claim 16 wherein opposite the tips are flanges that form with the tips a generally U-shaped opening.

sub 13
18. An improved dust containment system for use with suspended ceilings comprising a flexible curtain supported by one or more poles, said poles having a top end and a bottom end, said pole having on said top end thereof a clamp, said clamp holding said pole to a tile support of the suspended ceiling.

19. The system according to claim 18 wherein the clamp has a pair of handles that pivot about an axis and wherein opposite the handles are two jaws that are connected to their respective handles and arranged in such a fashion that the tips of said jaws are in face to face contact and wherein the body areas and of the respective jaws is configured so that the interior of the jaws can fit around said pole without separating the tips of the jaws from their face to face contact.

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20. The system according to claim *13* wherein the clamp has a spring set inside the handles to provide a suitable force to press and hold the tip of each of the jaws toward the other.

sub 25
21. The system according to claim 20 wherein the spring is a torsion spring held in place by the pin that constitutes the axis the handles and jaws rotate about.

¹⁴22. The system according to claim ¹⁵21 wherein each of the jaws ends in a tip that is no more than 1/16th of an inch thick.

¹⁷23. The system according to claim ¹⁶22 wherein opposite the tips are flanges that form with the tips a generally U-shaped opening.

sub ap 24. The system according to claim 18 further comprising a gasket for use between a wall and a pole said gasket comprising a top end and a bottom end and a pole side and a wall side, said pole side having a groove that extends from the top end to the bottom end, said groove being adapted to mate with an outside surface of the pole and wherein said wall end of the gasket ends in a pair of wings that extend outwardly from a core.

25. The system according to claim 24 wherein said wings butt up against the wall creating a seal to provide dust containment.

²⁰26. The system according to claim ¹⁹25 wherein said wings extend apart from each other so that when they butt up against the wall one wing is on one side of a curtain and the other wing is on the other side of the curtain.

27. A gasket for use in a dust containment system between a wall and a pole comprising a top end and a bottom end and a pole side and a wall side, said pole

from each other so that when they butt up against the wall one wing is on one side of a said sheeting and the other wing is on the other side of the said sheeting.

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12 The system according to claim 1 wherein the peel and stick tape which is pre-applied to an edge of the sheeting.

13. A clamp for use in a dust containment system comprising a pair of handles that pivot about an axis and wherein opposite the handles are two jaws that are connected to their respective handles and arranged in such a fashion that the tips of said jaws are in face to face contact and wherein the body areas and of the respective jaws is configured so that the interior of the jaws can fit around a pole without separating the tips of the jaws from their face to face contact.

14. The clamp according to claim 13 wherein the clamp has a spring set inside the handles to provide a suitable force to press and hold the tip of each of the jaws toward the other.

15. The clamp according to claim 14 wherein the spring is a torsion spring held in place by the pin that constitutes the axis the handles and jaws rotate about.

16. The clamp according to claim 15 wherein each of the jaws ends in a tip that is no more than 1/16th of an inch thick.

side having a groove that extends from the top end to the bottom end, said groove being adapted to mate with an outside surface of the pole and wherein said wall end of the gasket ends in a pair of wings that extend outwardly from a core.

28. The gasket according to claim 27 wherein said wings butt up against the wall surface creating a seal to provide dust containment.

29. The gasket according to claim 28 wherein said wings extend apart from each other so that when they butt up against the wall, one wing is on one side of a curtain and the other wing is on the other side of the curtain.

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